

University of Maryland at College Park

OUTLOOK

May 15, 1989

Campus Senate Holds Final Meeting for Spring Semester

At its last meeting for the spring semester on May 8, the Campus Senate voted on a number of recommendations from committees and received updates on the Enhancement Plan, UMCP Mission Statement, and APAC's activities for the year from Acting Vice President for Academic Affairs Irv Goldstein. Dean of Undergraduate Studies Kathryn Mohrman summarized major new projects in undergraduate education, and Special Asst. to the President Betty Schmitz reviewed projects underway to implement the Greer Report.

After continuing discussion that began at a special May 1 meeting called to consider the proposed campus Appointment, Promotion and Tenure Policy, the senate approve a motion to refer the document back to the General Committee on Faculty Affairs so that approved amendments could be incorporated into the policy.

The senate approved motions to eliminate a B.S. Architecture/Urban Studies degree, to add a B.A. degree in Italian, and to incorporate the Dept. of Housing and Design permanently into the College of Arts and Humanities.

It also approved a resolution asking the UM System Administration to establish a procedure ensuring that faculty members receive retirement benefits based on their full annual salaries and approved a campus policy on scholarly misconduct.

A Statement on Classroom Climate was also endorsed. This proposal from the Greer Committee on Undergraduate Women's Education states that College Park is committed to providing an equitable classroom atmosphere that encourages participation of all students and says that individual faculty members are responsible for reviewing their classroom behaviors and those of teaching assistants they supervise, "to ensure that students are treated equitably and not discouraged or devalued based on their differences." ■

**Don't Miss
Commencement
Ceremony:
Cole Field House
9:30 a.m.
May 25**

Conarro, Dingman and Gutheim to be Honored at Commencement

Joel Conarro, Michael Dingman and Frederick Gutheim have each made unique contributions in very different fields—literature, business, and city and regional planning, respectively.

On May 25 during the commencement convocation ceremony at Cole Field House beginning at 9:30 a.m. the three will be coming together to be honored for their outstanding efforts and accomplishments.

The general convocation program will be followed by a campus-wide reception from 11 a.m. to 3 p.m. on the mall and individual college commencements starting at 11:30 a.m. and 2 p.m.

Conarro, president of the John Simon Guggenheim Memorial Foundation, will receive the honorary degree of Doctor of Letters. He will also deliver the commencement address.

Dingman, managing director—chairman of the board and chief executive officer of the Henley Group Inc., will receive the honorary degree of Doctor of Science in Business and Management.

Gutheim, whose city and regional planning contributions have spanned a 50-year period from the 1930s when he authored sections of the Tennessee Valley Authority Act to the 1970s when he was a co-author of the



Joel Conarro



Michael Dingman



Frederick Gutheim

United States Capital Master Plan, is receiving the honorary degree of Doctor of Public Service.

Some 3,685 students are expected to receive degrees from UMCP colleges and schools, including 3,029 undergraduate degrees, 496 master's degrees and 160 doctorates.

Rhonda Y. Williams, a journalism major who is currently editor-in-chief of *The Eclipse*, the university's black student news magazine, will represent the Class of 1989 as student speaker.

Williams, who has also worked as general assignment reporter for UMCP's student newspaper, *The Diamondback*, has held three

prestigious journalism internships while an undergraduate, including the *Baltimore Evening Sun*, the *Louisville Courier-Journal* and the *New York Times*.

Her most recent honors include being inducted in Phi Beta Kappa, receiving the President's Commission on Minority Issues' Minority Achievement Award and the Alumni Association—International Outstanding Student Award.

As president of the Guggenheim Foundation, Conarro oversees the

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College Park Establishes Center for Global Change

From outside, it looks beautiful, tranquil and unspoiled—swirls of brilliant blue and white emerging from the darkness of space. On the planet itself, however, earth is anything but undamaged. The jewel-like appearance from space hides the destructive changes occurring in the earth's atmosphere, oceans and forests.

The growth of industry and the loss of forests have led to more carbon dioxide in the atmosphere, which is warming our planet—the "greenhouse effect" it is often called. This warming has caused a rise in sea level, so that the oceans are threatening many coastal cities and towns. Chlorofluorocarbons (CFCs) released into the atmosphere from the coolants used in air conditioners and refrigerators are breaking down the ozone layer which protects the earth from ultraviolet radiation.

As these insidious changes continue, earth's fragility is showing. Scientists

are striving to find ways to make the earth stable again, but it is not easy because the problems involve many different sciences.

Bringing different sciences together to find solutions to the problems of a changing global climate and depleting ozone is why UMCP's new Center for Global Change was created. With a \$1.8 million grant recently awarded by the Environmental Protection Agency, College Park has established the first center at any university to study the impacts of global climate change.

"Many researchers on campus are studying pieces of this problem of global change," says Alan Teramura, professor and acting chair of botany and one of the center's founders. "The center will allow us to bring together these researchers who have common interests."

One of the center's functions is to provide seed money to fund small projects of graduate students and pro-

fessors who want to begin research on global change problems.

The center also has an educational mission. "We will organize lectures and seminars and publish reports for the campus and general public. We want to invite well-known scientists to work at the center and perhaps teach special courses at College Park," says Alan Miller, an environmental lawyer from the University of Delaware and the World Resources Institute who is the center's executive director, in charge of policy analysis.

Stephen Leatherman, the center's director, is responsible for coordination of research and overall direction of the center.

Perhaps the greatest advantage the center will bring to College Park is visibility for the researchers involved.

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Arts and Humanities Honors Classified Staff

The College of Arts and Humanities honored three members of its classified staff during a reception May 12 in Francis Scott Key Hall. The three selected for the College's Outstanding Service Award were: Janet Duncan (English), Elva Eilertson (Art) and Mary Mahoney (Housing and Design). "By recognizing these individuals the College has both identified extraordinary service as well as testified to the importance of the contributions made by all members of our classified staff," notes Acting Dean James Leshner.

RESEARCH HIGHLIGHTS

EPA Gives \$1.8 Million for New Center

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"We already have some of the key scientists in the country doing research on the impacts of global change," says Ray Miller, vice chancellor for agricultural affairs and dean of the College of Agriculture and Life Sciences. "This center will showcase their capabilities and allow us to bring in additional expertise that we otherwise could not."

The center also will provide a chance for the researchers to cross disciplinary lines.

"The 'umbrella' of the center will allow us to apply for multidisciplinary research grants," Teramura explains. "Therefore, if my research focuses on the effects of ultraviolet radiation on rice crops, the center might be able to receive a grant to look at not only the scientific impact of this problem but also the economic and policy concerns."

The multidisciplinary approach will give the center the edge in policy study, says Murray Polakoff, dean of the College of Behavioral and Social Sciences. "Policy studies must be holistic. The center will bring together experts in different areas to examine policy issues."

Teramura and Leatherman, director of UMCP's Laboratory for Coastal Research, began discussing the idea for the Center for Global Change last summer.

"We have some of the foremost people in the country who are looking at the impacts of global change; we felt we needed to bring them together," says Leatherman.

Last fall, Leatherman, Teramura and Alan Miller met with Ray Miller, Polakoff, and other College Park researchers interested in global change, including professors Alan Robock and Russell Dickerson from meteorology.

They discussed the purpose,

management plan and potential funding sources for the center. Early this year, the university approved the creation of the Center for Global Change and appointment of Alan Miller as executive director.

Teramura and Leatherman have received substantial funding from the Environmental Protection Agency for their own research, and Alan Miller also has strong ties with the agency. By March 1, they submitted a proposal to the EPA for a grant to set up the center. The EPA awarded the university \$1.8 million on March 24 to establish and fund the Center for Global Change for two years.

Much of the money will be spent hiring new personnel to run the center. Irving Minzer from the World Resources Institute was recently hired as deputy director. He will conduct policy analysis of the environmental impact of energy use on the "greenhouse effect" and ozone depletion. Chris Fuchs is moving from the Department of Government and Politics to become the center's business manager.

"Because the funding is only for two years, we have to be very careful about whom we hire," Alan Miller says. "We want to hire a multidisciplinary staff. I anticipate that we will be making those decisions over the summer."

Alan Miller hopes to hire more policy analysts like Minzer to augment the research conducted by Leatherman, Teramura and the other scientists currently involved in the center. A science advisory board, soon to be organized, will advise the center on

paths the research and policy analysis should take.

Leatherman's research will be an integral part of the center's work. He is studying the effects of a rising sea level on coastal erosion and flooding. Scientists believe that greenhouse-induced warming is causing the sea level to rise.

Leatherman has found that in some places, this sea level rise could do serious damage. In Bangladesh, for example, a significant rise in sea level could flood much of the country. Closer to home, in Galveston, Texas, Leatherman says that the sea wall may not be adequate in the future to protect the city from flooding during major hurricanes.

"The sea level has risen a foot in the last century," Leatherman says. "No one denies that we will see the 'greenhouse effect,' on the sea level. We have to find out when and to what extent."

Teramura, who previously has researched the effect of ultraviolet radiation on soybeans and loblolly pine trees, currently is studying how global climate changes might affect rice production and ecosystem-level processes. The primary environmental changes he is studying include increased atmospheric carbon dioxide, temperature rise and ultraviolet radiation.

"If you really want to know how changes in the world's climate affect global agriculture, you must look at rice. About 2.7 billion people on earth derive 70 percent of their calories from rice," Teramura explains.

"Also, 20 percent of the methane that enters the atmosphere comes from the world's rice paddies. Methane is one of the gasses that contributes to the 'greenhouse effect.' Rice, then, is a crop that not only is affected by global change but also might be responsible for some of the change."

In addition to Leatherman, Teramura and Robock and Dickerson—who are studying the meteorological effects of global change—Miller says the center plans to bring in researchers from other disciplines.

"We already are helping to support Reinhard Rademacher in mechanical engineering who is developing a refrigerant without CFCs," Alan Miller says. "We'd like to bring in more researchers from other departments such as engineering or agricultural and resources economics, for example."

This multidisciplinary approach gives the new center a big advantage in the scientific studies of global change, Alan Miller says.

Teramura concurs, adding that the Center for Global Change already is many steps ahead of other institutions.

"We were the first to see the need and set up a center to study global change impacts," Teramura says. "We have outstanding scientists, and we're close to Washington, D.C. and the federal agencies."

The expertise came together at the right time, he says, to bring about a center that will benefit College Park, the scientific community and the world. ■

—Jan Barkley



Degrees to Go to 3,685 Graduates

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distribution of fellowships that are awarded to men and women who have demonstrated exceptional capacity for productive scholarship in science, social science and the humanities or exceptional creative ability in the arts.

Prior to his present position, Conarroe served as executive director of the Modern Language Association and editor of its journal, *PMLA*, from 1978 to 1983 during a time when questioning of the relevance of the liberal arts on and off campus led to the formulation of the contemporary agenda for the humanities.

His leadership in academic circles is evident in the growing influence of women scholars, in a new affinity between business leaders and humanists and in an expansion of international exchanges between the U.S. and nations around the globe.

The author of numerous books and articles, including *John Berryman: An Introduction to the Poetry and*

William Carlos Williams' Paterson: Language and Landscape, Conarroe has served as chairman of the fiction jury for the National Book Awards, a member of the Pulitzer prize jury for poetry in 1984 and a member of the Board of the National Book Critics Circle from 1980 to 1987.

Dingman is recognized as one of the nation's top business leaders. His highly regarded reputation in investment banking and his success in building shareholder value were cited by the business media as the primary explanation for the Henley Group's attracting the largest initial stock offering in history.

Two major companies within the Henley Group are Fisher Scientific, one of the world's leading manufacturers and distributors of health and scientific products, and Wheelabrator Technologies, a corporate leader in waste-to-energy conversion.

Dingman's father, James E. Dingman, is an engineering alumnus and 1960 honorary degree recipient. As Dingman receives the honorary

degree of Doctor of Science in Business and Management, he and his father, James, are the first father and son to receive honorary degrees at UMCP.

Gutheim's work as a city and regional planner and consultant has earned him respect around the world.

A longtime preservationist, Gutheim has introduced methods of preserving the cultural landscape in the United States through integrating historic preservation and regional planning concepts into his work.

As a member of the President's Task Force for Natural Beauty from 1964 to 1965, he wrote sections of its report and contributed to the subsequent White House Conference on Natural Beauty, all of which led to National Historic Preservation legislation.

Following earlier service on the President's Advisory Council on Pennsylvania Avenue, in 1965 he defined the boundaries of the Pennsylvania Historic District for the Interior Department. ■

—Lisa Gregory

OUTLOOK

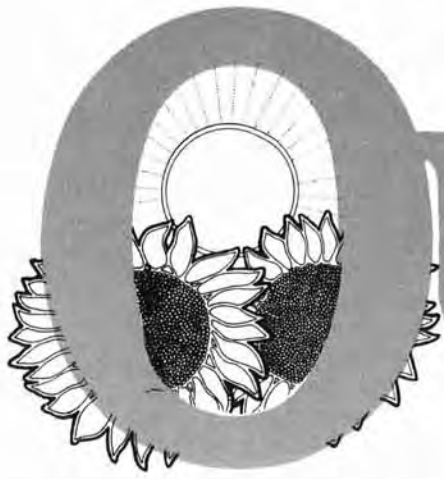
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Letters to the editor, story suggestions, campus information & calendar items are welcome. Please submit all material at least three weeks before the Monday of publication. Send it to Roz Hiebert, Editor Outlook, 2101 Turner Building, through campus mail or to University of Maryland, College Park, MD 20742. Our telephone number is (301) 454-5335.





Three to Be Honored at Eighth Annual Conference for Office Support Staff

Three members of the secretarial/clerical profession who have distinguished themselves by outstanding service to the campus community will be honored during luncheon ceremonies at the Eighth Annual Conference for Office Support Staff Wednesday, June 7.

The three selected for recognition are: Sally A. Imler, executive to the director of the International Development Management Center in the Colleges of Agriculture and Life Sciences, Margaret L. Kempf, a scientific word processing operator in the Department of Animal Sciences, and Doris M. Olds, administrative specialist in the Department of Geography and the Institute for Urban Studies.

Imler has worked at UMCP since 1971. At IDMC she is responsible for communication and coordination of the center's expanding global activities with key campus offices and departments as well as with public and private sector organizations. She has



Sally A. Imler



Doris M. Olds



Margaret L. Kempf

developed new ways to increase productivity and improve the work flow of the center.

Kempf, a 12-year campus veteran, is involved in the preparation of scientific manuscripts, research proposals and review documents. Much of this work is of a highly technical nature and includes complex chemical formulae, mathematical symbols and difficult scientific language. In recognition of her skills, the department

presented her with its "Grantsmanship Award, Support Staff, 1988-89".

Olds joined the university in 1973. She provides oversight of all the flow of work that comes into the combined Geography, Urban Studies and Community Planning. She is also involved in planning and implementing special events and conferences and edits two of the department's newsletters. Considered one of its best "teachers," Olds has actively nurtured

and developed the growth of the office staff.

The theme of the day-long personnel practices conference is "Professionalism and Excellence: Meeting the Challenge." It will be held in the Stamp Student Union beginning at 8:30 a.m.

The conference committee sponsor is a subcommittee of the President's Commission on Women's Affairs.

The conference will focus on personal and professional development and balancing the demands of the workplace with those at home. Topics include preventing sexual harassment, safety and security on the job, day care and other issues.

The conference is open to all support staff up to grade 13. The cost is \$25 and can be paid by departmentals. For more information and registration details, contact Kathy Coffey at 454-2807. ■

June—and July—Bust Out All Over with Summer Music for UMCP



Colorado String Quartet

A fully staged, fully orchestrated production of Rodgers and Hammerstein's musical favorite *Carousel* will lead off the 1989 summer music season at UMCP on Saturday, June 3 at 8:15 p.m. in Tawes Theatre. The New York-based company, Opera Northeast, will bring songs, dance and fantasy for a one-night performance, the first offering from the Maryland Summer Institute for the Creative and Performing Arts.

Next in the series will be the June 10 concert by the Chicago Pro Musica, the Grammy-award-winning ensemble of virtuosi from the Chicago Symphony Orchestra in Tawes Theatre at 8:15 p.m. Their wide-ranging program includes music by Brahms, Ibert, Honneger, Elliott Carter, Hindemith and Martinu.

The final part of series is a rousing, big-band finale on July 29 with a concert by the Woody Herman Orchestra,

directed by Frank Tiberi in Tawes Theatre at 8:15 p.m. The Tawes Theatre box office opens May 30 (454-2201). For information or a season brochure call 454-4241 or 454-5910.

The National Orchestral Institute

Celebrating its second season at College Park is the National Orchestral Institute, a three-week intensive experience in orchestral musicianship for undergraduate, graduate and postgraduate students. The young musicians study with distinguished musical faculty and rehearse and perform three public concerts with three different conductors: June 17, Catherine Comet, music by Mendelssohn, Britten, Debussy; June 24, Kenneth Jean, music of Strauss, Mahler, both concerts in Tawes Theatre at 8:15 p.m.; July 1, Yoel Levi, music of Barber, Haydn and Stravinsky at 8 p.m. in Baltimore's Joseph Meyerhoff Symphony Hall. For ticket information call 454-4241 or 454-5910.

American String Quartet Congress

June 19-23 will bring a convergence of string quartet players for the First American String Quartet Congress presided over by Michael Tree of the Guarneri Quartet. Registrants will enjoy symposia, exhibits, the recital series, "American Works for String Quartets," and the evening series of concerts cosponsored by the Smithsonian Resident Associate Program. For information or registration forms, call 454-4291 or 454-5910.

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1989 Senior Summer Scholarship Winners Announced

This summer, as part of President William E. Kirwan's initiatives to enhance the quality of undergraduate education at UMCP, the university is dramatically increasing its support for the Senior Summer Scholarship Program. The expanded program is providing \$2500 scholarships for each of 43 outstanding seniors.

The program provides an opportunity for undergraduate students to enhance their academic experience by spending the summer working closely with faculty mentors on scholarly, research or artistic projects while earning academic credit.

The selection committee was chaired by Ira Berlin (Hist.). Other members were Jewel Barlow (Aero. Eng.), David Bigio (Mech. Eng.), Patricia Campbell (Curric. and Inst.), George Gibson (Agr.), M. Dennis Goode (Zoo.), Paul Hanges (Psych.), John Howard (Eng.), Eileen McLellan (Geology), Gerald Miller (Chem.), William Montgomery (Mus.) and Eugenia Zerbino (Journ.).

The student recipients, projects and faculty mentors (listed in parentheses) include:

Ashish Bagai, *Flow Visualization of Rotor-Fuselage Interactions* (J. G. Leishman, Aero. Eng.); Karen Boggs, *The Feminine Experience in the Antilles: A Comparative Look at the Perceptions and Attitudes of the White, Mulatta, and Black Woman* (Cordell Black, French and Italian); Stacie Bristow, *Joyce Trisler: Study of a Brilliant Modern Dance Artist*

(Larry Warren, Dance); Jacquin Buchanan, *The Design for a Biped Robot, Walking in Two Dimensions* (Jackson C.S. Yang, Mech. Eng.); Carrie Chalikh, *Women's Communication Style and Media Coverage* (Katherine McAdams, Journ.);

Also Deborah Chipman, *Symbolization in Children's Maps* (Ellin Scholnick, Psych.); Paul Cohen, *Contextual Constraints on Children's Acquisition of Meaning* (William Hall, Psych.); Thanh-Chau Cong, *Thermal Conduction Process* (William Levine, Elec. Eng.); Susan Gardner, *Nutritional Status and Physical Development of Young Children in Sheltered Homeless Families* (Martha Taylor, Human Nutr.); James Guerra, *Some Uses of Emotive-Dynamic Discourse by Business and Religious Groups to Control Member Behavior* (Edward James, Engl.);

Also Paul Herman, *Polymer Processing* (David Bigio, Mech. Eng.); James Hobbs, *Designing Graphical Simulation Interfaces* (Armand Makowski, Elec. Eng.); Kirsten Jorgensen, *Development of a Dynamic Hardness Test* (Richard Dick, Mech. Eng.); Pablo Jusem, *The Non-Violent Movement in Latin America: 1962-1974* (Winthrop Wright, Hist.); Sandra Karcher, *Risk Assessment of Scour Induced Bridge Failures in Maryland* (Richard McCuen, Civ. Eng.);

Also Douglas Kornreich, *Analysis of Genes Encoding Ribosomal Proteins in Neisseria Gonorrhoeae*

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Calendar

May 15 — August 31

COMING ATTRACTIONS

Individual Graduation Ceremonies—May 25

Agriculture and Life Sciences—11:30 a.m., Memorial Chapel; Arts and Humanities—11:30 a.m., Tawes Theatre; Behavioral and Social Sciences—2 p.m., Cole Student Activities Building; Business and Management—11:30 a.m., Cole Student Activities Bldg.; Computer, Mathematical and Physical Sciences—2 p.m., Memorial Chapel; Education—11:30 a.m., Reckord Armory; Engineering—2 p.m., Reckord Armory; General Studies—2 p.m., Hoff Theatre; Human Ecology—11:30 a.m., Colony Ballroom; Journalism—11:30 a.m., Hoff Theatre; Library and Information Services—11:30 a.m., Hornbake Library; PERH—11:30 a.m., PERH Building

May 15 MON Entomology Colloquium: "Regulation of Diuresis in Adult <i>Heliothis zea</i>," David Bushman, 4 p.m., 0200 Symons Hall. Call x3843 for info. Space Science Seminar: "Saturn and The Ring Rain," John Connerney, NASA, 4:30 p.m., 1113 Computer & Space Sciences Bldg. Call x3613 for info. 16 TUE Zoology Seminar: "Tracing the Natural History of African Great Cats: A Genetic Odyssey," Steve O'Brien, noon, 1208 Zoo/Psych. Bldg. Call x3203 for info. 17 WED Zoology Lecture: "Globin Genes," Steven Shapiro, noon, 1208 Zoo/Psych. Bldg. Call x3203 for info. Dance Performance and Discussion, "Music for Dancers and Piano," featuring faculty members Susan Haigler de Robles and Paul Jackson, music by John Cage, choreography by Robert Ellis Dunn and piano accompaniment by Thomas Schumacher, 5:30 p.m., EE Studio Theatre. Call x4056 for info. 18 THU Meteorology Seminar: "Reanalysis of Historical Data: A Feasibility Study," James Kinter, 3:30 p.m., 2114 Computer & Space Sciences Bldg. Call x2708 for info. 19 FRI Mental Health Lunch 'N Learn Conference: "The Use of Medications and Clinical Management of College Students With Attention Deficit Hyperactivity Disorder (ADHD)," Larry Silver, 1-2 p.m., 3100E Health Center. Call x4925 for info. The Maryland Boy Choir, under the direction of Betty Scott, will present a concert of works by Pro-ly, Rutter, Bach, Kodaly, Mozart and Vaughn Williams at 8 p.m. in Tawes Recital Hall, \$5 and \$3. Call x6669 for info. 20 SAT Astronomy Observatory Open House: "Are We Alone," G. L. Verschuur, 9 p.m., Astronomy Observatory. Call x3001 for info.	22 MON Human Relations Skills Development Workshop: "How to Communicate with Power and Confidence/How to Work with People," 9 a.m.-4 p.m., 1109-11, Center for Adult Education. Call x4124 for info. 23 TUE Zoology Seminar: "The Analysis of Log-linear Models with Applications to Ecology," Estelle Russek-Cohen, noon, 1208 Zoo/Psych. Bldg. Call x3203 for info. 24 WED Space Science Seminar: "Plasma Wave Observations in the Magnetosphere, Geomagnetic Tail, and Surrounding Boundary Regions from ISEE and AMP-TE/IRM," Roger Anderson, U. of Iowa, 4:30 p.m., 1113 Computer/Space Sciences Bldg. Call x3136 for info. 25 THU Campus-wide Commencement Convocation: Dr. Joel Conarroe, president of the John Simon Guggenheim Memorial Foundation, speaker, 9:30 a.m., Cole Student Activities Bldg.; All faculty and administrators planning to attend the convocation ceremony and march in regalia should assemble in the Small Gym (room 0108) at 8:45 a.m.; School and College ceremonies are at 11:30 a.m. and 2 p.m.; Reception for graduates and guests, 11 a.m.-3 p.m. on McKeldin Mall. 26 FRI Afro-American Studies Seminar: "Structural vs. Behavioral Models of the Underclass," William Darity, Jr., U. of N.C., Chapel Hill. Time and location TBA. Call Anita Klalo x6682 for info. 29 MON Memorial Day, campus will be closed. 31 WED The University of Maryland Chorus presents Beethoven's Ninth Symphony with the Deutsche Oper Berlin, Jesus Lopez-Cobos, conductor, 7:30 p.m., Kennedy Center Concert Hall. Call x4183 for info.	June 1 THU Fifth Annual Conference on the Economics of Chesapeake Bay Management, featuring discussions among economists, resource managers, and scientists on issues including the impact of population and economic growth on environmental quality, control of toxic substances, and the protection of living resources of the Bay, today and tomorrow, Joint Hearing Room of the Legislative Services Building, Annapolis, MD. Call x2303 for info. Photography Exhibit: "Bodine's Life and Landscape of Maryland," featuring 78 original photographs from the early 1930's-1970 by A. Aubrey Bodine (1906-1970), today through July 21, Parents Association Gallery, Stamp Union. Call x4754 for info. 3 SAT Summer Arts Performance: "Carousel," featuring Opera Northeast, 8:15 p.m., Tawes Theatre, \$15, \$12, \$10 and \$8. Call x5910 before May 30 for info., x2201 after. 4 SUN Recreation facilities closed 5 MON First Summer Session Classes Begin Recreation facilities open: Softball entries open today through June 9, 1:30 p.m., aerobics begins. Call x3124 for info. Intensive Beginning/Intermediate TeX Course, 9 a.m.-5 p.m., today through June 9, sponsored by the TeX Users Group (TUG) and hosted by the Computer Science Center. Call x6030 for registration details. Astronomy Observatory Open House: "How the Universe was Born," L. Blitz, 9 p.m., Astronomy Observatory. Call x3001 for info. 6 TUE Tennis Singles Registration, today through June 12 at 1:30 p.m., 1104 Reckord Armory. Call x3124 for info. Riding Lesson Registration: University of Maryland Equestrian Association, 7 p.m., 1144 Animal Science Bldg. Call Suzanne Anderson at 474-2495 for info.	Defense Spending and American National Security Lecture: "The Decline School: Historical Perspectives," Paul M. Kennedy, Yale U. and Walter Rostow, former presidential assistant, 8 p.m., Tawes Theatre. Call x5759 for info. 7 WED Softball Umpires Clinic, 4 p.m., 0119 Reckord Armory. Call x3124 for info. Eighth Annual Personnel Practices Conference, for office support staff, time TBA, Stamp Union. Call x2807 or x4987 for info. National Conference for Blacks in Higher Education: "Minority Leadership in Higher Education: Strategies for Action," today through June 9, Baltimore Marriott at Inner Harbor. Call x5272 for info. 10 SAT Summer Arts Concert, featuring the Chicago Pro Musica performing works from Ibert to Brahms, 8:15 p.m., Tawes Theatre, \$15, \$12, \$10 and \$8. Call x5910 before May 30 for info., x2201 after. 12 MON Outdoor Volleyball Registration, today through June 16, 8:30 a.m.-4 p.m., 1104 Armory. Call x3124 for info. Intensive Course in LaTeX, 9 a.m.-5 p.m., today through June 16, given by the TeXUsers Group (TUG) and hosted by the Computer Science Center. Call x6030 for info. Cultures of Peace Lecture: "Role of Culture and Religion in International Conflict and Cooperation," Hamid Algar, U. of California at Berkeley (Islamic perspective) and Iraj Ayman, Landegg Institute of International Studies, Switzerland (Bahai perspective), 8 p.m., Tawes Theatre. Call x5759 for info. 13 TUE Racquetball Singles Tournament Registration, today through June 19, 8:30 a.m.-4 p.m., 1104 Armory. Call x3124 for info. Benefits Orientation for New Faculty and Staff, 10 a.m., 2202 Hornbake Library. Call x6312 for info. Cultures of Peace Lecture: "Role of Culture and Religion in International Conflict and Cooperation," Mohamud Ayout, Temple U. (Islamic perspective) and Stephen Cohen, Bronfman Foundation, Montreal (Jewish perspective), 8 p.m., Tawes Theatre. Call x5759 for info.	14 WED Summer Session I Softball Begins Tennis Singles Tournament Begins at LaPlata Courts National Women's Studies Association Conference: "Feminist Transformations," today through June 18, Towson State University, some work exchange is possible. Call (301) 331-3681 for info. 15 THU Fullbright Application Deadline for grants to Australasia, India and Latin America, except lecturing awards to Mexico, Venezuela, the Caribbean. Call x3008 for info. 17 SAT National Orchestral Institute Concert, Catherine Comet, conductor, Mendelssohn's Symphony No. 5, "The Reformation," and sea-inspired works by Britten and Debussy, 8:15 p.m., Tawes Theatre, \$10, \$8 and \$5. Call x5910 before May 30 for info., x2201 after. 19 MON Individual Golf Tournament Registration, today through June 26 at 1:30 p.m., 1104 Reckord Armory. Call x3124 for info. String Quartet Concerts: in cooperation with the Smithsonian Resident Associate Program, the UMCP String Quartet Congress will present several groups, today through June 23, 8 p.m., Baird Auditorium, Museum of Natural History, \$15 and \$12. Call 357-3030 for more information. 20 TUE Astronomy Observatory Open House: "Exploding Galaxies," A. S. Wilson, 9 p.m., Astronomy Observatory. Call x3001 for info. 21 WED Summer Session I Volleyball Begins 22 THU Pagemaker Workshop for Maryland high school journalism advisers, today and tomorrow, place TBA. Call x6939 for info.
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SUMMER SCHEDULE

Recreation Facilities, June 5 August 26: Campus Recreation Services hours: M-F, 8:30 a.m.-4:30 p.m., 1104 Reckord Armory. Call x3124 for info. **Cole Pool Hours:** M-Th, 7-9 a.m. (laps only), M-F, 11-1 p.m. (faculty/staff laps only, main pool), M-F, 3-8 p.m. rec. swim (3-6 p.m., laps only, main pool), Sat. & Sun., 2-7 p.m. rec. swim (2-5 p.m., laps only, main pool). No reservations necessary for PERH Racquetball Courts, M-F, 5-9 p.m., Sat. & Sun., 10 a.m.-3 p.m. PERH Weight Room open M-

F, noon-9 p.m. Play tennis (west of Cole) everyday, 5-10 p.m. Show valid summer card to court supervisor. Call 454-RAIN for intramural status during bad weather. Call REC-CHECK (x5454) for updated information.

Rossborough Inn: open weekdays, 11:30 a.m.-2 p.m.; closed July 4, Aug. 21-Sept. 4. Opens again Sept. 5. Call x3940 for info.

Libraries, June 1-Sept. 5: Art and Architecture open M-F, 9 a.m.-5 p.m., closed Sat./Sun., except Art is open 9 a.m.-1 p.m. on Sat.;

White and EPSL open M-Th, 8 a.m.-11 p.m., Fri. 8 a.m.-8 p.m., Sat., 10 a.m.-8 p.m., Sun. noon-11 p.m.; McKeldin and Hornbake open M-Th., 8 a.m.-10 p.m., Fri. 8 a.m.-6 p.m. (5 p.m. Horn.), Sat. 10 a.m.-6 p.m. (5 p.m. Horn.), Sun. noon-10 p.m. All libraries closed July 4 and Aug. 26-27; Open Aug. 28-Sept. 1, 9 a.m.-5 p.m. (Art, Arch., Horn.), 8 a.m.-6 p.m. (White and EPSL) 8 a.m.-5 p.m. (McKeldin). All libraries closed Sept. 2-4; resume regular semester hours on Sept. 5. Call x2853 for info.

OUTLOOK

May 15, 1989



Yearbook Shortcourse for high school students and advisers, today through June 24, place TBA. Call x6939 for info.

Home Run Hitting Contest, 6 p.m., Engineering Fields. Call x3124 for info.

23 FRI

Racquetball Singles Weekend Tournament Begins, PERH Courts. Call x3124 for info.

24 SAT

National Orchestral Institute Concert, Kenneth Jean, conductor, works include Mahler's Symphony No. 5, 8:15 p.m., Tawes Theatre, \$10, \$8 and \$5. Call x5910 before May 30 for info., x2201 after.*

26 MON

Newspaper Writing/Editing and Design/Production Workshop for high school students, today through June 30, place TBA. Call x6939 for info.

27 TUE

Defense Spending and American National Security Lecture: "The Decline School: Perspectives on the Present and the Future," Samuel Huntington, Harvard U. and Robert Gilpin, Princeton, U., 8 p.m., Tawes Theatre. Call x5759 for info.

28 WED

Individual Golf Tournament Begins, noon, University Golf Course. Call x3124 for info.

July 1 SAT

National Orchestral Institute Concert, Yoel Levi, conductor, program includes works by Barber, Haydn and Stravinsky's "Rite of Spring," 8 p.m., Joseph Meyerhoff Symphony Hall, Baltimore, \$15, \$12, \$10 and \$8. Call x5910 before May 30 for info., x2201 after.*

4 TUE

Independence Day, University closed.

5 WED

Individual Bowling Tournament Registration, today through July 11 at 1:30 p.m., 1104 Reckord Armory. Call x3124 for info.

6 THU

Defense Spending and American National Security Lecture: "The Politics and Management of Defense Spending, Part I," Lawrence Korb, Brookings Institute and Eliot Cohen, Naval War College, 8 p.m., Tawes Theatre. Call x5759 for info.

9 SUN

Cultures of Peace Lecture: "Poetry and the Images of Peace," Suheil Bushrui, American U. in Beirut, Cathleen Raine, poet and editor, Temenos Review, London and Francis Warner, Oxford U., 8 p.m., Tawes Theatre. Call x5759 for info.

10 MON

Miniature Golf Registration, today through July 14 at 1:30 p.m., 1104 Reckord Armory. Call x3124 for info.

12 WED

Second Summer Session Aerobics and Water Aerobics Cards on Sale, 8:30 a.m.-4 p.m., Reckord Armory. Call x3124 for info.

13 THU

Individual Bowling Tournament, 6 p.m., Terrapin Lanes, Stamp Union. Call x3124 for info.

14 FRI

First Summer Session Ends

15 SAT

Piano Festival Recital, featuring Peter Frankl, 8:30 p.m., Tawes Theatre, \$15, \$12 and \$10. Call x5276 before May 30 for info., x2201 after.*

16 SUN

Piano Festival Recital, featuring Charles Rosen, 8:30 p.m., Tawes Theatre, \$15, \$12 and \$10. Call x5276 before May 30 for info., x2201 after.*

17 MON

Second Summer Session Begins

Softball Registration, today through July 21 at 1:30 p.m., 1104 Reckord Armory. Call x3124 for info.

Aerobics and Water Aerobics Begin

Piano Festival Recital, featuring Rudolph Firkusny, 8:30 p.m., Tawes Theatre, \$15, \$12 and \$10. Call x5276 before May 30 for info., x2201 after.*

18 TUE

Racquetball Singles Tournament Registration, today through July 24 at 1:30 p.m., 1104 Reckord Armory. Call x3124 for info.

Miniature Golf Tournament, 6 p.m., Monty's Miniature Golf Course. Call x3124 for info.

Piano Festival Recital, featuring Tamas Vasary, 8:30 p.m., Tawes Theatre, \$15, \$12 and \$10. Call x5276 before May 30 for info., x2201 after.*

19 WED

Softball Umpires Clinic, 4 p.m., 0119 Reckord Armory. Call x3124 for info.

Piano Festival Recital, featuring Vladimir Viardo, 8:30 p.m., Tawes Theatre, \$15, \$12 and \$10. Call x5276 before May 30 for info., x2201 after.*

20 THU

William Kapell Piano Competition Finals, Recital Phase, featuring a 45-minute recital by each of the three finalists, 7:30 p.m., Kennedy Center Concert Hall, \$15, \$12, \$10 and \$5. Call x5276 before May 30 for info., x2201 after.*

21 FRI

Piano Festival Recital, featuring Jorge Bolet, 8:30 p.m., Tawes Theatre, \$15, \$12 and \$10. Call x5276 before May 30 for info., x2201 after.*

22 SAT

William Kapell Competition Finals, Concerto Phase, featuring the National Symphony Orchestra, Mstislav Rostropovich, music director, Stanislaw Skrowaczewski, conductor; each contestant will perform a concerto picked by the judges, 8:30 p.m., Kennedy Center Concert Hall, \$25, \$21, \$15 and \$5. Call x5276 before May 30 for info., x2201 after.*

24 MON

Activity Cards on Sale, 8:30 a.m.-4 p.m., 1104 Reckord Armory. Call x3124 for info.

25 TUE

Tennis Singles Tournament Registration, today through July 30 at 1:30 p.m., 1104 Reckord Armory. Call x3124 for info.

26 WED

Second Summer Session Softball Begins

Racquetball Singles Tournament Begins, PERH Courts. Call x3124 for info.

27 THU

Defense Spending and American National Security: "The Politics and Management of Defense Spending, Part II," Ernest Fitzgerald, Comptroller of the U.S. Air Force, Jacques Gansler, Analytic Sciences Corporation, 8 p.m., Tawes Theatre. Call x5759 for info.

29 SAT

The Woody Herman Orchestra, directed by Frank Tiberi, will perform hits from the big band era, 8:15 p.m., Tawes Theatre, \$15, \$12 and \$10. Call x5910 before May 30 for info., x2201 after.*

August 1 TUE

International Conference on Civil Engineering History and Heritage, today through Aug. 5, Center for Adult Education. Call Leonard Bernhold at x5144 for info.

2 WED

University of Maryland Chorus Auditions, call x4183 for appointment later in the month.

4 FRI

Tennis Singles Weekend Tournament Begins, LaPlata Courts. Call x3124 for info.

25 FRI

Second Summer Session Ends

Recreational Facilities Closed: pools close at 8 p.m., remain closed until fall semester.

**Admission charged for this event. All others are free.*

Summer Concert Offerings Range from Classical to Big Band

continued from page 3

The evening concerts featuring eighteen leading quartets are open to the public and will be held at 8 p.m. in the Baird Auditorium of the National Museum of Natural History, at the Smithsonian Institution in Washington, D.C. For ticket information call the Resident Associate Program at 357-3030.

International Piano Festival and William Kapell Competition

From July 13 to 22 the International Piano Festival and William Kapell Competition will take place, offering lecture-recitals, symposia and masterclasses, as well as recitals by six leading concert pianists: Peter Frankl, July 15; Charles Rosen, July 16; Rudolf Firkusny, July 17; Tamas Vasary, July

18; Vladimir Viardo, July 19; and Jorge Bolet, July 21. All recitals are in Tawes Theatre at 8:30 p.m. Call 454-5276 or the Tawes Box Office at 454-2201 for tickets.

The William Kapell Piano Competition attracts pianists from all over the world, competing for more than \$45,000 in cash prizes and, for the first-prize winner, a New York recital opportunity. All of the competition rounds are open to the public. This year, for the first time, both parts of the finals will be held at Kennedy Center's Concert Hall: the contestants in recital on July 20 at 7:30 p.m., and in the concerto phase on July 22 at 8:30 p.m. with the National Symphony Orchestra. Call 454-5276 or 454-2201 for ticket information. ■

UMCP Recognized for Armenian Relief Efforts

Governor William Donald Schaefer has awarded President William Kirwan a "Salute to Excellence" citation for the assistance of the College Park campus in the Armenian Relief effort. Through the efforts of Edward Manukian (Behav. and Soc. Sci.), the campus sponsored the first telephone hot line between the Soviet Academy of Sciences and the U.S. to provide technical assistance to Soviet scientists involved in relief and rebuilding activities. The 24-hour hot line operated during the first 10 days after the earthquake and was staffed by volunteers. Supported by campus funds from Kirwan, the hot line was organized through the Office of Joint Academic Ven-

tures in BSOS and the American Council for Teachers of Russian. The ACTR, a professional society located in Washington, D.C., is affiliated with UMCP and is directed by Richard Brecht and Dan Davidson in the Dept. of Slavic and Germanic Languages. Manukian was also awarded a "Salute to Excellence" citation by the governor. In recognition of his and the campus' support, Kirwan was appointed recently to serve as a member of a prestigious International Armenian Relief Committee chaired by Vartan Gregorian, president of Brown University.

Paul Kennedy-Walt Rostow Debate Will Open Summer Lecture Series

A rough-and-tumble intellectual debate between two leading thinkers on national defense will shift from the pages of *Foreign Affairs* to UMCP when the Summer Distinguished Lecture Series begins June 6.

Paul Kennedy, author of *The Rise and Fall of the Great Powers: Economic Change and Military Conflict from 1500-2000*, and Walt W. Rostow, a key national security official in the Kennedy and Johnson administrations, will present their opposing viewpoints on defense spending and American national security in a joint appearance 8 p.m. Tues., June 6, at Tawes Theatre.

The debate will be the first of seven summer lectures sponsored by the Office of Summer Programs. The lectures are divided among two series—one on national defense and another on cultures of peace. Jon Sumida, associate professor of history, organized the series on national defense; Edward Azar, director of the Center for International Development and Conflict Management, organized the series on cultures of peace.

The Kennedy-Rostow debate will focus on the "decline school" that has emerged in scholarship on national

defense.

Several prominent scholars have argued that the U.S. no longer has the resources to support high levels of defense spending without compromising growth and that the country already shows dangerous signs of suffering from relative economic decline, Sumida says. They see a reduction in defense spending, and therefore of defense commitments, as essential if America is to remain economically competitive and militarily strong, he adds.

Kennedy's book provides a foundation for many of these arguments.

Critics of the decline school, such as Rostow, have responded that heavy defense expenditure and economic performance are unrelated as regards the United States, that the economic picture is insufficiently negative to warrant substantial changes in defense policy and that reductions in government spending on domestic programs would make cutbacks in defense unnecessary, Sumida says.

Rostow made such arguments in a heated attack on Kennedy's work in a recent issue of *Foreign Affairs*.

- Other lectures in the series:
- The debate on the "decline

school" will continue 8 p.m. Tues., June 27, in Tawes Theatre with presentations by Samuel Huntington, Harvard University, and Robert Gilpin, Princeton University.

- Lawrence Korb, the Brookings Institution, and Eliot Cohen, the United States War College, will discuss "The Politics and Management of Defense Spending" at 8 p.m. Thurs., July 6, in Tawes Theatre.

- Ernest Fitzgerald, a Department of Defense whistle blower, and Jacques Gansler, the Analytic Sciences Corporation, will continue discussion of the politics and management of defense spending at 8 p.m. Thurs., July 27, in Tawes Theatre.

The series on cultures of peace will feature a look at a variety of cultures and religions in a search for a common ground for peace. The series will focus on countries at the center of international strife.

The series will begin with presentations by Hamid Algar, University of California at Berkeley, and Iraj Ayman, the Landegg Institute of International Studies in Switzerland, 8 p.m., Mon., June 12, at Tawes Theatre. They will speak on "The Role of Culture and Religion in International Conflict and

Cooperation." Algar will present the Islamic perspective and Ayman will present the Bahai perspective.

The discussion of the role of culture and religion in international conflict and cooperation will continue at 8 p.m. Tue., June 13, in Tawes Theatre with Mahmoud Ayout, Temple University, and Stephen Cohen, the Bronfman Foundation, presenting lectures. Ayout will present the Islamic perspective and Cohen will present the Jewish perspective.

The series concludes with Suheil Bushrui, American University, and poets Cathleen Raine and Francis Warner, presenting lectures at 8 p.m. Sun., July 9, in Tawes Theatre on "Poetry and the Images of Peace."

All the lectures are free and open to the public. The lectures are sponsored by Summer Programs in cooperation with the Center for International Development and Conflict for the series on peace and in cooperation with the Department of History, Department of Government and Politics, and the School of Public Affairs for the series on national defense. For more information call 454-5759. ■

—Brian Busek

Fountain Waters To Sparkle on Campus This Summer

A 200-foot-long water fountain, funded in part by the ODK fraternity, will soon cascade at the center of McKeldin Mall. The fountain is the centerpiece of \$3 million in improvements scheduled at UMCP this summer.

The fountain will be built on the east end of the mall between the sundial and the Main Administration Building, says Dennis Nola, manager of grounds development. The fountain will feature five pools of water and a walking bridge over its center.

ODK, a campus leadership fraternity, has pledged to raise the majority of the funds for the fountain. The fraternity has begun a fundraising campaign in which it hopes to raise \$100,000 for the project, Nola says.

The fountain is only one major change scheduled for the east half of the mall this summer. The sundial area will be enlarged to create a platform for staging events and a garden patio will be built just off Regents Drive at the former location of the flag poles. Once this work is completed, large events, including future commencements, could be staged at this end of the mall, Nola says.

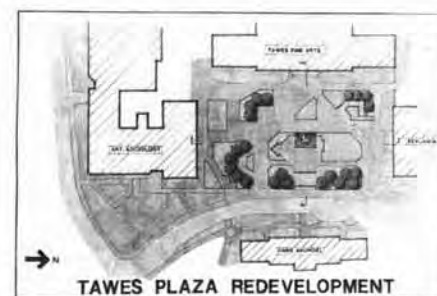
In addition, the entire mall between the sundial and Main Administration will be re-sodded and walkways through the area will be re-paved.

The work this summer will represent the third year of a five-year

renovation of the mall. Work will continue in 1990 on the west end of the mall.

The other major project on the summer construction is completion of the Tawes Plaza redevelopment. The project, which includes new landscaping, installation of interlocking concrete blocks and construction of a water fountain, began last summer and originally was scheduled for completion last fall.

However, a project contractor failed to meet job specifications in installing the concrete blocks last summer, Nola



This graphic shows plans for redevelopment of the plaza at the east end of the Tawes Fine Arts Building. Planning officials expect the project to be completed this fall.

says. UMCP officials demanded that the contractor do the job again at no cost to the campus. The contractor agreed to the demand but the prob-

lem created a long delay for the entire project.

"The contractor who is building the fountain and the landscapers couldn't get in until the paver (the interlocking blocks) was set right," Nola says. "We knew that people wouldn't like going through all the noise and dirt of construction twice. But we felt we couldn't let it go. The job wasn't done right."

The fountain will be built and trees, shrubs and flowers will be added to the area this summer. ■

—Brian Busek

Aging Trees Pose Dilemma for Campus Planners

Campus planners envision stately trees lining the entire walk along the McKeldin Mall from Main Administration to McKeldin Library. Unfortunately, the stately trees already existing on the mall might have to go before this vision is realized.

Within the next several years, the campus must make a major decision about the 40-year-old trees that line the eastern half of the mall between the Main Administration Building and the sundial, says Dennis Nola, grounds manager.

"The trees are dying, and we'll have two options for replacing them," Nola says. "We can either plant small trees among the existing trees each time a

few of the older ones die, or at some point we can take down all the old trees and plant new ones in their places."

When young trees are planted next to mature ones, the young trees are often too shaded to thrive, Nola says. If an entirely new stand of trees is planted at the same time (as was done 40 years ago on the mall) the desired results would not be evident for more than a decade. In the meantime the campus would have a bare mall.

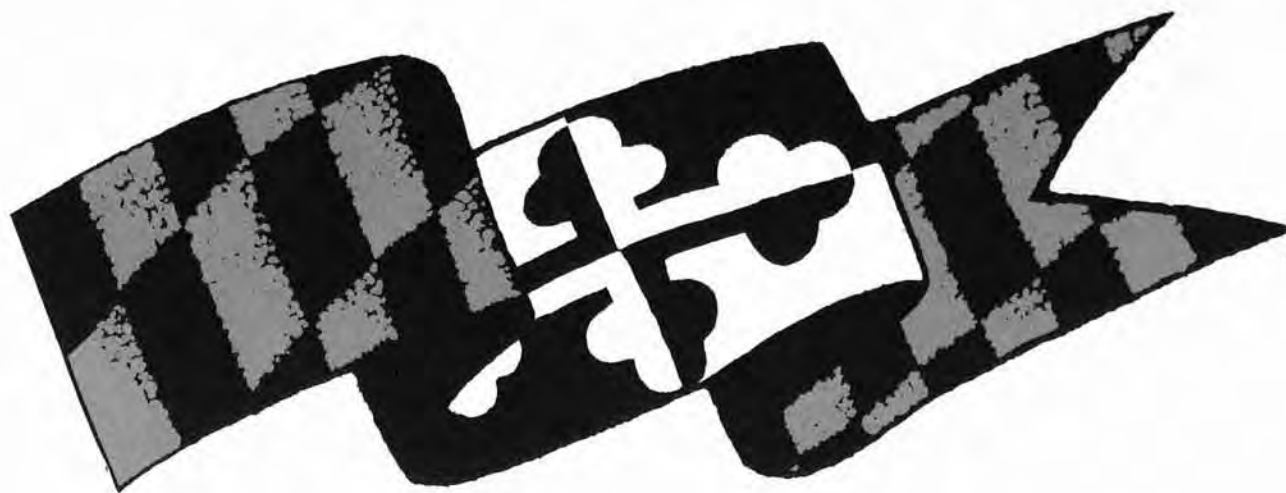
Stressful conditions related to their location has accelerated the aging process of the trees. Frequent utility cuts in the area damage the roots and heavy walking and vehicular traffic

along the mall packs the soil near the roots of the trees making it more difficult for trees to gather nutrients from the soil, Nola says.

In an effort to preserve the trees, workers recently bored dozens of holes into the ground on the mall and poured nutrients directly to the tree roots. The trees responded to the treatment, but such measures are of a stopgap nature, Nola says. A definitive decision about the trees must be made in the near future, he says.

There are plans to appoint a review group to study options for the trees. Nola would like to hear opinions on the issue from the entire campus community. ■

—Brian Busek



The 1988-89 Campaign for College Park

Update on Campaign for Maryland

Overwhelming, impressive, and generous are just a few of the descriptions overheard these days regarding the 1988-89 faculty/staff Campaign for Maryland. As of May 1, the total for the fundraising effort had topped \$200,000, a 200% increase in participation over 1987-88.

The success of the Campaign for Maryland is attributed to this year's efforts led by Don Piper to involve volunteers within each college, school, administrative unit, and program. Representatives wrote letters, made visits and increased the visibility of the Campaign.

The diversity of needs that will be served through faculty and staff gifts is extensive according to the Development Office. The Child Care Center, the libraries, scholarship programs, and equipment needs are just a few of the concerns that donors supported through their gifts.

Every effort has been made to include all donors on this list; we regret any errors or omissions. The Development Office would like to hear from any faculty or staff whose names have been omitted. Please contact Jenny Volkmann Hubbell at 454-3322 if you have any questions or corrections. ■

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Carol C. Aggour, Manoj K. Banerjee, Angelo Bar-dasis, Mirl R. Bendit, Milan Blaha, Yaohan Chu, Andris M. Dimits, J. R. Dorfman, Alex Dragt, Richard F. Ellis, Theodore L. Einstein, Richard A. Ferrell, James T. Fey, Michael E. Fisher, Douglas G. Fong, Robert Gluckstern, George Goldenbaum, Denny Gulick, Elizabeth J. Hayden, Wendell T. Hill III, Barbara B. Hope, William K. Jenne, Raymond L. Johnson, Lavene Kanal, Victor Korenman, John W. Layman, Chuan Sheng Liu, Nelson G. Markley, John P. Menard, Jack Minker, Charles W. Misner, Rabin-dra N. Mohapatra, Jaun C. Moreno, Frank W. J. Oliver, Gerard Parlat, Martin Pearl, Richard E. Prange, Yolanda Johnson Pruitt, Edward F. Redish, Mrs. Bruce Reinhart, Robert W. Ridky, Janet H. Robertson, Jonathan Rosenberg, Theodore J. Rosenberg, Azriel Rosenfeld, Mary E. Saffell, Jan V. Sengers, George A. Snow, Virginia Trimble, Edwin O. Tums, Betty R. Vanderslice, Donat G. Wentzel, Ellen D. Williams, Thelma M. Williams, Scott A. Wolpert, Ann G. Wylie, David Zipoy

School of Public Affairs

Bruce Adams, Peter G. Brown, Audrey Cronin, I. M. Destler, Catherine Kelleher, Michael Nacht

College of Journalism

Ira R. Allen, Maurine Beasley, Jay G. Blumler, Howard Bray, Reese Cleghorn, Jon D. Franklin, James E. Grunig, Mark R. Levy, Katherine C. McAdams, Timothy J. McDonough, Frank E. Quine, James M. Roche, Michael V. Smith, Greig M. Stewart, Carroll C. Volchko, Eugenia Zerbinos

Office of Administrative Affairs

John A. Bielec, Sarah B. Bryan, Harry Kriemelmeyer, Samuel A. Lawrence, Sylvia S. Stewart, Charles F. Sturtz

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William F. Armstrong, N. William Hartline, Vickie M. McCaleb

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Loss Prevention Division

Alvin L. Thompson

Engineering & Architectural Service

Paula A. Dixon



Resource Planning and Budget

William W. Brown, Sheila F. Mahaffy

Communication Services

K. Denise Ray, Karen T. Breen, Dorothea M. Chrismer, Jonathan R. Rood

Environmental Safety

Charlotte L. Johnson, June Marie Williams

University Police

Mary Brock, Robert P. Mueck

Personnel Services

Rythee A. Wilkes

Administrative Computer Center

Mary K. Posey, William C. Reinke, Julius Rudden

Office of Student Affairs

Drury G. Bagwell, Jr., James H. Youmans, Gary M. Pavela, Linda M. Scovitch, Richard Stimpson, John D. Zacker

Health Services

Sacared Bodison, Margaret W. Bridwell, Willa Brown, M.D., Gerald Chatlin, Ninh Q. Dao, Jean M. Droney, Judy Edwards, Stanley P. Kinder, Patricia L. Preston, Thomas N. Ruggieri

Counseling Center

Vivian S. Boyd, Steven P. Carstens, Robert W. Freeman, Thomas M. Magoon, Patricia Moreland, Julie A. Perone, Anne M. Regan, William R. Scales, Elizabeth Shearn, Carol Wilde-Mermon, Mary O'Leary Wiley

Commuter Affairs

Barbara G. Jacoby, Martha Baer Wilmes

Campus Activities

Roberta H. Coates, Marsha A. Guenzler, Terry Zacker

Resident Life

Sean J. Ballentine, Frank Cohn, Jan R. Davidson, Catherine M. Engstrom, Gregg C. Feige, Carroll J. Giuliani, Carolyn R. Lewis, Patricia L. Mielke, Rita Y. Sato, Doris Lee Schneider, Cyndi Snyder, Brenda A. Ware

Orientation

Hoyt W. Brown, Gerry B. Stumpf

Stamp Union

Stephen R. Adams, Judith A. Fowler, Mary A. Kirk, John B. Kownatzki, Michele Mourse, Gretchen Vanderveer

Campus Recreation Services

Robert T. Kallina, Nicholas J. Kovalakides

Guest and Dining Services

Young-Ok Cho, Oscar M. Christie, Patrick C. Perletto

Motor Vehicle Administration

John David Allen, Leonard B. Jankowski, Ruth Anne Spellerberg, Janice E. Summons

University Book Center

Lynn Marie Danson, Constance L. Shaugnessy

Office of Institutional Advancement

Judith Bair, Jan Almond Barkley, Brad Barwise, Jane Brady, M. Elaine Cockrell, Maitland Dade, Alfred Danegger, A. H. Edwards, Carolyn Ent, Linda Freeman, John L. Fritz, Lisa Gregory, Melissa F. Gregory, Margaret Hall, Roselyn Hiebert, Nancy D. Hiles, Naomi L. Hopkins, Carlene A. Howard, Jennifer V. Hubbell, Patty Jantho, V. Marnie Kugler, Linda Martin, Randy R. Possehl, Leonard R. Raley, M. Allison Rand, Maria A. Sese, Danielle M. Wilshire

University Community Concerts

Eva Hornyak

Institutional Studies Director Receives Award

At the May 3 annual meeting in Baltimore of the Association for Institutional Research, UMCP's director of Institutional Studies Marilyn K. Brown was honored for "best paper presented." Her study, "Developing and Implementing a Process for the Review of Nonacademic Units," had been presented at the previous year's meeting in Phoenix. She was also local arrangements chair for this year's events in Baltimore, assisted by Mary D. Ott, associate local arrangements chair, and the rest of the Institutional Studies staff.

UMCP's Scholar-Athletes Honored

UMCP honored all of its student-athletes who during the 1988 calendar year achieved semester grade point averages of 3.0 or better on May 8 at the second annual Scholar-Athlete Award reception. Recognized were the 168 student-athletes from the spring semester and the 147 from the fall semester who met the stringent academic requirements. Of those honored, 30 student-athletes received special mention for having perfect semester grade point averages of 4.0.

UMCP Named Among Country's Best Public Relations Programs

The country's best education programs in public relations are at College Park, San Diego State, Florida and San Jose State, according to a survey of 70 public relations educators conducted by the Department of Advertising/Public Relations at Marquette University, Milwaukee.

In a random sample of educator members of the Public Relations Society of America (PRSA) and the International Association of Business Communicators (IABC), these schools were mentioned by respondents most frequently as "the best in the country for undergraduate work in public relations," according to Bill L. Baxter, ARP, associate professor and chair of Marquette's Department of Advertising/Public Relations. Baxter directed

the survey. In all, 28 universities were cited by the respondents as having outstanding public relations curricula.

Respondents generally profiled the "best" public relations curricula as those with: a mix of solid pre-professional training and a broad-based education; dedicated faculty with strong academic credentials and experience in the field; and a program that provides the opportunity for students to gain practical experience through internships and other associations with professionals in the area. Survey respondents included seven former chairs of PRSA's Educators Section, seven winners of PRSA's annual Outstanding Educator Award and authors of four of the field's leading textbooks. ■

UMCP Initiates New Merit Scholarship Program

As part of the campus enhancement plan for improving undergraduate excellence, UMCP is inaugurating a new merit scholarship program that will eventually provide 100 academically talented students with a full, four-year scholarship.

But according to Kathryn Mohrman, dean for undergraduate studies, the Francis Scott Key and Bancker Scholars will receive more than monetary support.

"We are creating a community for our very best students," says Mohrman, whose office will administer the program. "Through several features, we will develop an academic and intellectual environment committed to excellence."

These features include: admission to the honors program and preference for honors housing; participation in the Scholars Internship and Cooperative Education programs and inclusion in the President's Colloquium, a series of meetings designed to engage members in intellectual exchange around current issues of importance to the university and beyond.

In addition, all of the scholars will have the opportunity to participate in the Scholars Preceptorship Program in which they will work one-on-one with a professor on a topic of mutual interest. The Preceptorship may take the form of participation in ongoing research, designing and pursuing an individual study, or a creative project in the arts.

The cost of tuition, room, board and fees for each scholarship is \$6,000 per year in-state (\$24,000 overall) and \$9,000 out-of-state (\$36,000 overall). While 65 students have accepted scholarships for 1989-90, the new program calls for 100 scholarships to be offered in the following years so that ultimately there will be a community of 400 scholars at any given time.

Furthermore, the profile of this undergraduate scholarship community will be impressive. The average SAT score is 1400 and the high school grade point average is 3.9. Also, many of the students have been strong leaders in their schools.

The campus will not have to wait until the fall semester to get a glimpse of the Key and Bancker Scholars. On May 18, the scholars, accompanied by their parents and high school principals, will be honored with a dinner in the Colony Ballroom of the Stamp Union. President William Kirwan, Dean Kathryn Mohrman and sociology professor John Pease, along with several state senators, will be in attendance to recognize the students.

Entertainment will feature a string quartet before the banquet. After the dinner, Paul Traver and the Maryland Chorus will present a brief musical selection from their recent memorial concert to Antal Dorati and conclude the evening's activities by singing the University's alma mater. ■

—John Fritz

Drug-Free Workplace Awareness Seminars Scheduled

From mid-May to mid-June, the Dept. of Personnel Services in coordination with the UMCP Health Center will sponsor a training program for all campus faculty and staff members. Entitled "Maintaining a Drug-Free Workplace," the program is part of the campus effort to comply with the recently-approved administrative procedure about the campus drug-free workplace policy.

Personnel Services will schedule specific dates and times for different departments and units to attend one of the ten repeat offerings of the seminar. In addition, special sessions will be scheduled for supervisors so that they can have in-depth information about their responsibilities under the new policy.

The seminar will feature a presentation by Robert McDaniel, director of

the Chemical Dependency Program at Baltimore's Bon Secours Hospital, who will discuss detection, treatment and recovery from chemical dependency. Also scheduled to speak is Tom Ruggieri, coordinator of the UMCP Faculty Staff Assistance Program, who will discuss the treatment and referral services available on and off campus. Ruggieri will also present strategies for supervisor and co-workers for monitoring deteriorating job performance and effectively confronting an employee.

John Thompson, manager of the Employee Relations and Training Section of Personnel Services, will explain the requirements of the 1988 federal Drug-Free Workplace Act and their impact on UMCP.

For further information call Rythe Wilkes or Thompson, 454-4811. ■

Undergraduates and Faculty Mentors Plan Summer Research Projects

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(Daniel Stein, Microbio.); Peter Labonski, *Research on External and Internal Legal Discourse* (Jeanne Fahnestock, Engl.); Laurel LaPorte-Grimes, *Study into the Effects of First Language Acquisition on Acquiring a Second Language* (David Lebeaux, Linguist.); Jacob Leibovici, *The Development of an Assay that Can Detect VDAC Modulator Properties* (Marco Colombini, Zoo.); John Lill, *An Ecological Study of Solar Tracking in Casia Fasciculata* (Irwin Forseth, Bot.);

Also Tzi-shing Jesse Lim, *Establishing Accuracy Limits for a New Computer Vision Based Displacement and Temperature Measuring Technique* (J.S. Sirkis, Mech. Eng.); Eric Machanic, *Research, Study and Performance of the Goldberg Variations by J.S. Bach* (Thomas Schumacher, Mus.); Ferial Majidi, *Instrumentation Software Hierarchy for Biomedical Applications of Resonance Ionization Spectroscopy* (Thomas O'Haver, Chem.); James Matern, *Hot Film Anemometers in Two-Phase Flow* (James Duncan, Mech. Eng.); Humberto Mui, *Studies of Coordination Compounds of Molybdenum (III) with Phosphine Ligands* (Rinaldo Poli, Chem.);

Also Damiana Murphy, *Capital Sentencing in Maryland: The Operative Factors in Determining Who Lives and Who Dies* (Raymond Paternoster, Crim. Just.); Ashish Nedungadi, *A Parametric Study of Hypersonic Inlets* (Mark Lewis, Aero. Eng.); Michael Nolan, *Rebotov Archaeological Project* (Kenneth Holum, Hist.); Diane Odell, *The Nature of Architectural History* (Richard Etlin,

Arch.); Ulrika Oster, *The Potential Interaction of Caffeine and Stress on Memory* (Barry Smith, Psych.);

Also Richard Penn, *Chaos in Semi-classical Quantum Theory* (Thomas Cohen, Physics); Stacy Relkin, *Motor Skills of Young Children in Sheltered Homeless Families* (Sally Koblinsky, Fam. and Comm. Dev.); Sandy Robinson II, *Victim-Based Discrimination in the Criminal Justice System: An Empirical Assessment* (Samuel Myers, Afro-Amer. Stu.); Susan Rodgers, *Three Decades of Child Rearing* (Robert Freeman, Couns. and Nancy Anderson, Psych.); Darcey Schoeniger, *Montgomery County Hispanic Immigration Research* (Alaka Wali, Anthro.);

Also Wesley Schrock, *Etiology of Anabaptist Persecution in the Sixteenth Century* (Robert Coogan, Engl.); Peter Schruben, *Development of a Chemical Odor Removal Scrubber System for a Sewage Sludge Composting Plant* (Larry Gasner, Chem. and Nucl. Eng.); Alan Siegel, *The Effect of Simultaneous Plus and Minus Lenses on Myopia in Chicks* (William Hodos, Psych.); Tracie Spor, *Special Effects: Past, Present and Future* (Don Coleman, Comm. Arts and Theatre); Mary Tomayko, *Oncogene Cooperation in Plasmacytogenesis* (Michael Potter, N.I.H.);

Also Duy Tran, *Expansion of a Semi-Infinite Plasma* (Howard Milchberg, Elec. Eng.); Tom Vizioli, *Copper Nutrition of Postpartum Women and Its Effect on Lipid Metabolism* (Phyllis Moser-Veillon, Hum. Nutr.); and Lei Wang, *Programming in an Object-Oriented Environment Using Concurrent Algorithms* (P.S. Krishnaprasad, Elec. Eng.). ■

Clarification

The Physical Sciences Laboratory reported on in the April 17 issue of Outlook will be constructed at the corner of University Boulevard and

Metzerott Road, at the Acredale Tract, where the Veterinary Sciences facility is currently being constructed. ■